

The opinion in support of the decision being entered today was not written for publication and is not binding precedent of the Board.

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE BOARD OF PATENT APPEALS  
AND INTERFERENCES

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Ex parte CHARLES H. REYNOLDS

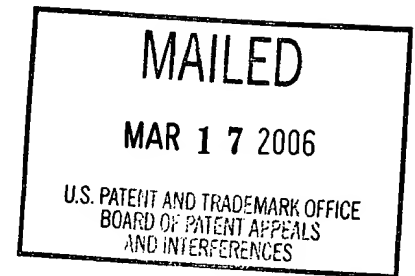
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Appeal No. 2006-0929  
Application No. 09/309,321

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ON BRIEF

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Before HAIRSTON, JERRY SMITH, and BARRY, Administrative Patent Judges.

HAIRSTON, Administrative Patent Judge.

DECISION ON APPEAL

This is an appeal from the final rejection of claims 1 through 14 and 16 through 21.

The disclosed invention relates to a controllable power supply.

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Claim 1 is illustrative of the claimed invention, and it reads as follows:

1. A controllable power supply for remotely controlling communication equipment comprising:

a housing having at least two distinguishable surfaces;

at least three independent first network sockets located on a first of said distinguishable surfaces;

wherein each of said first sockets are able to receive standard network cable connectors and able to independently receive control signals transmitted over a wire of a network cable;

said network cable also carrying network communication signals over separate data wires;

at least three independently controlled power supply sockets located on a second of said distinguishable surfaces;

control circuitry within said housing operatively connected with said first sockets, and said power supply sockets wherein power to each of said power supply sockets is able to be independently turned on or off directly in response to a high or low state of said control signals received at said first sockets.

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The references relied on by the examiner are:

Lord	5,198,806	Mar. 30, 1993
Cheng et al. (Cheng)	5,644,174	Jul. 1, 1997
Pulizzi et al. (Pulizzi)	5,923,103	Jul. 13, 1999
EEM96 catalog, Hearst Business Publishing, 1995, pages D2260-61, D2326-29, D2340-43.		
Newton, <u>Newton's Telecom Dictionary</u> , 1998, page 485.		

Claims 1 through 14 and 16 through 21 stand provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 through 3, 5 through 9, 13, 14, 16, 17 and 21 through 37 of copending Application No. 09/471, 101.

Claims 1 through 14 and 16 through 21 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Cheng or Pulizzi in view of the EEM96 catalog, Lord and Newton's Telecom Dictionary.

Reference is made to the brief and the answer for the respective positions of the appellant and the examiner.

#### OPINION

We have carefully considered the entire record before us, and we will sustain the provisional obviousness-type double patenting rejection and the obviousness rejection of claims 1 through 14 and 16 through 21.

Turning first to the provisional obviousness-type double patenting rejection, we find that the appellant has not responded to the rejection. Thus, the provisional obviousness-type double patenting rejection is sustained pro forma.

Turning to the obviousness rejection, we find that claims 1, 13 and 14 would have been obvious to the skilled artisan based upon the teachings of either Pulizzi or Cheng considered alone. In sustaining a multiple reference rejection under 35 U.S.C. § 103(a), the Board may rely on one reference alone without designating it as a new ground of rejection. In re Bush, 296 F.2d 491, 496, 131 USPQ 263, 266-67 (CCPA 1961); In re Boyer, 363 F.2d 455, 458, n.2, 150 USPQ 441, 444, n.2 (CCPA 1966). Pulizzi discloses a controllable power supply that comprises a mounting having at least one distinguishable surface in a stacked controller arrangement (Figure 5), a first network socket (i.e., RS232 in/out communications circuit 22) located on the distinguishable surface. Appellant's argument (brief, page 12) to the contrary notwithstanding, Pulizzi describes the RS232 circuit as a "network" connection (column 7, lines 60 through 65; column 9, lines 9 through 14). As indicated infra, an RS232 socket is a multi-pin socket (i.e., 25 pins) that is able to receive a control signal transmitted on one wire of a network

cable attached to one or more of the 25 pins, and is also capable of carrying network data communications signals on one or more data wires attached to one of the other 25 pins. Pulizzi has a plurality of controlled power output sockets 40 through 54, and control circuitry (i.e., microcontroller 18, relay driver 24 and relays 60 through 74) is operatively connected to the network socket and the controlled power output sockets wherein power to any of the controlled output sockets can be turned on/off in response to a signal received on a control signal pin connection of the network socket. The power conduit 14 is a power input for connecting the power supply to an external power source. Pulizzi shows a stacked controller arrangement (Figure 5) wherein control circuitry discussed supra is contained within a housing, and the network sockets and controlled power supply outlets are on the surface of the housing.

Based upon the foregoing, the obviousness rejection of claims 1, 13 and 14 is sustained based upon the teachings of Pulizzi.

Cheng provides a first cable 155 for control signals, and a second cable 212 for data signals (Figure 2A; column 7, lines 1 through 19). Cheng discloses a rack/cabinet mounted AC sequencer 200 (Figures 2A and 3; column 4, lines 56 through 60) that has

network sockets 204, 206, 208 and 210, and controlled power supply outlets 130 and 140 on surfaces of the AC sequencer cabinet housing 200. By daisy chaining the sequencer units that hold the power outlets 130 and 140, at least three independently controlled power supply sockets would be located in the rack/cabinet housing (column 4, lines 56 through 63). The control circuitry within the cabinet housing includes control circuitry 250 and relays RLY1 and RLY2 for turning power on/off to the controlled power supply outlets 130 and 140 in response to control signals on cable 155 to control input socket 204 (Figure 3). As indicated supra, the data signals are not carried on the control signal cable. Thus, the obviousness rejection of claims 1, 13 and 14 is sustained based upon the teachings of Cheng.

The housing teachings of the EEM96 catalog are merely cumulative to the housing teachings present in both Pulizzi and Cheng.

In Lord, a pair of network sockets 65 and 100 are located on a side of a housing (Figure 2), and at least one controlled power output socket 15 is located on another side of the housing. The network socket 100 is a 25 pin RS-232-C socket that has separate pins for control signals and data signals (column 7, lines 9 through 22). Appellant's argument (brief, pages 6 through 10)

that Lord does not disclose a network as claimed is without merit in view of the disclosure of two computers 25 and 30 controlling each other over the telephone network (Figure 1), and Lord's disclosure of the term "network" (column 2, lines 59 through 66). The control circuitry (i.e., relay 220) is operatively connected with the network socket 100 and the controlled power output socket 15, and the controlled power output socket 15 can be turned on/off in response to a signal received on a control signal pin connection of the network socket 100. Nothing in the claims on appeal precludes the presence of modem 40 in the telephone network (brief, pages 6 through 10). The power input connection to an external power source is provided by power cord 95. In summary, we find that the teachings of Lord are also cumulative to the teachings already identified in both Pulizzi and Cheng.

Turning lastly to the Newton's Telecom Dictionary definition of "network," we agree with the examiner's finding (answer, page 9) that "modems are network devices" as evidenced by Lord supra.

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The obviousness rejection of claims 2 through 12 and 16 through 21 is sustained because appellant has not presented any patentability arguments for these claims.

#### DECISION

The decision of the examiner provisionally rejecting claims 1 through 13, 14 and 16 through 21 under the judicially created doctrine of obviousness-type double patenting is affirmed, and the decision of the examiner rejecting claims 1 through 13, 14 and 16 through 21 under 35 U.S.C. § 103(a) is affirmed.



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No time period for taking any subsequent action in connection with this appeal may be extended under 37 CFR § 1.136(a)(1)(iv).

AFFIRMED

  
KENNETH W. HAIRSTON  
Administrative Patent Judge

*Jerry Smith*  
JERRY SMITH  
Administrative Patent Judge

BOARD OF PATENT  
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AND  
INTERFERENCES

LANCE LEONARD BARRY  
Administrative Patent Judge

KWH/ce

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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
P.O. BOX 458  
ALAMEDA, CA 94501